

WG13 Issues - CIM Issues #6702

Grid Package: PhaseImpedanceData to support electrical parameters templates

02/08/2024 09:36 AM - Celso Rocha

<b>Status:</b>	Open	
<b>Priority:</b>	Normal	
<b>Target version:</b>		
<b>Author/Contact Info:</b>	Celso Rocha	<b>Standard(s):</b> 61970-301
<b>Base Release:</b>		<b>Version:</b>
<b>Solution to be Applied To:</b>	CIM18v10	<b>Clause:</b>
<b>Solution Version:</b>		<b>Sub-Clause:</b>
<b>Solution Applied By:</b>		<b>Paragraph:</b>
<b>Completion Date:</b>		<b>Table:</b>
<b>CIM Keywords:</b>	61970-Wires	<b>Originally Closed in Version:</b>
<b>Breaking Change:</b>	No	<b>Origination Date:</b>
<b>Breaking Change Description:</b>		<b>Origination ID:</b>
<b>CIM Impacted Groups:</b>	WG13, WG14	<b>Originally Assigned To:</b>
<b>Requestor:</b>		
<b>Description</b> In <a href="#">#5298</a> , PhaseImpedanceData.fromPhase and PhaseImpedanceData.toPhase attributes have been removed. However, there is a use case for keeping those attributes, that is the use of line templates with electrical parameters. This is somewhat common on the distribution space. For example, find attached a screenshot of an Unbalanced line template in CYME where the entries of the matrix are specified using phases.		
<b>Proposed Solution</b> (Re)add PhaseImpedanceData.fromPhase and PhaseImpedanceData.toPhase attributes and update the description of PhaseImpedanceData class accordingly.		

History

- #1 - 02/08/2024 10:23 AM - Todd Viegut
- Status changed from New to Open
  - Author/Contact Info set to Celso Rocha
  - Solution to be Applied To set to CIM18v10
  - CIM Impacted Groups WG14 added

Files

Grid Package - PhaseImpedanceData to support electrical parameters templates.docx	16.5 KB	02/08/2024	Celso Rocha
OverheadLineUnbalancedDB - CYME.PNG	184 KB	02/08/2024	Celso Rocha